



**Figure 7-figure supplement
1. Reduction of ER Ca^{2+}
release improves the
structure of
mechanosensory neurons
in *sel-12* animals.**

Quantification of (A) wave-like processes, (B) lesions and (C) breaks in ALM and PLM neuronal processes in wild type, *sel-12(ty11)* and *mdu-1;sel-12(ty11)* animals at day 1 of adulthood.

Neuronal morphology analysis is done using transgenic animals expressing *mec-4p::GFP* (*zdl5*). n = number of animals analyzed per genotype. Data are displayed as mean \pm SEM, and all comparisons have been made to wild type animals unless otherwise indicated. ns $P > 0.05$, *** $P < 0.0001$ (One way ANOVA with Tukey)